FIRST TEN ITEMS SAME AS IN PAPER ON PAYOFF FOR MANAGEMENT. PRETTY MUCH DEPENDENT ON HAVING A PHE PROGRAM DB

25 September 1970

Benefits That Can Be Derived From A Computer Based Medical Record System

1. Provide data base for many different types of studies

   Amount of sick leave per person and reasons for it
   Number of hospital days
   Mortality data
   Hopefully some type of measurement regarding employee productivity

2. Identify people by disease categories and set up preventive and treatment programs to keep productivity high and, hopefully, over time, decrease the number of MDR's and FFD's.

   This could conceivably also be done with employees who have no medical pathology by health education.

3. Retrospective and Prospective studies to refine standards of employability

   May find certain categories use less sick leave and perform better than other categories. May support or refine current concepts.

4. May better enable OMS to provide management with some type of health index of employees by age, sex, race, educational level, etc. Should help in predicting trends in the future.

5. Enable OMS to measure effectiveness of program by variations in morbidity and mortality by year over time, over and above looking at workload, etc.

6. By better follow-up procedures of employees, should hopefully increase patient compliance, better health status, and better effectiveness of clinical programs.

7. Health hazard appraisal individualized to employee will enable measure some of parameters of quality of programs because will have mortality data.

8. By knowing health status by age group, should enable meaningful planning of medical programs for satisfaction of future needs.

9. Should easily enable compilation of statistics on workload of those things in the system

   For Lab studies should easily enable computation of mean and standard deviations

10. Will enable not only multivariant analysis of known relationships, but should enable discovery of possible unknown relationships in clinical and psychiatric data.

11. Computerized interpretation of EKG.

12. Computerized interpretation of Spirograms when program available for our IBM 360-65.

13. Physician profiles of Agency patients.

14. Identify patients taking given drug with recently reported adverse side effects.

15. When new syndrome or disease described, we can easily search our files to identify people with given S & Sx.

M. D., M. P. H.   STATINTL